



Docket No. 285137US0X PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Takeshi ARAKAWA, et al.

SERIAL NUMBER: 10/565,595

FILING DATE: January 24, 2006

FOR: HETERO TYPE PENTAMER RECOMBINANT VACCINE

RESPONSE TO NOTICE OF MISSING REQUIREMENTS UNDER 35 USC 371

**MAIL STOP PCT**

COMMISSIONER FOR PATENTS  
BOX PCT  
ALEXANDRIA, VIRGINIA 22313

SIR:

Responsive to the notification dated May 23, 2006, and in accordance with the provisions of 35 USC 371, Applicants submit herewith a Rule 63 Declaration and a Supplemental Application Data Sheet.

In light of the foregoing, this application is deemed to be in proper condition for examination and such favorable action is earnestly solicited.

Our payment in the amount of \$ 0.00 is paid herewith by credit card. If any difference exists between the amount due and the amount being paid herewith, please charge or credit the difference to our Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. 31.136 and any additional fees required under 37 C.F.R. 31.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Customer Number

**22850**

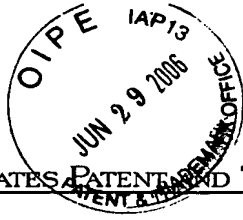
Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/06)

Surinder Sachar

Registration No. 34,423



UNITED STATES PATENT AND TRADEMARK OFFICE



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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/565,595	Takeshi Arakawa	285137US0XPCT

INTERNATIONAL APPLICATION NO.
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PCT/JP04/10459

I.A. FILING DATE	PRIORITY DATE
07/23/2004	07/24/2003

22850  
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
1940 DUKE STREET  
ALEXANDRIA, VA 22314

CONFIRMATION NO. 2247

371 FORMALITIES LETTER



\*OC000000018893863\*

ET

Date Mailed: 05/23/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/24/2006
- Copy of the International Search Report filed on 01/24/2006
- Information Disclosure Statements filed on 01/24/2006
- Request for Immediate Examination filed on 01/24/2006
- U.S. Basic National Fees filed on 01/24/2006
- Priority Documents filed on 01/24/2006

RECEIVED: 5-26-06  
OBLON, SPIVAK, McCLELLAND  
MAIER & NEUSTADT, P.C.  
**DOCKETING DEPT.**

Initials/Date Docketed: anx/5-26-06  
Type of Resp(s): DD  
Due Date(s): 7-23-06

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/565,595	PCT/JP04/10459	285137US0XPCT

FORM PCT/DO/EO/905 (371 Formalities Notice)